

Interview Summary

Application No.

10/052,760

Applicant(s)

NAKAYOSHI ET AL.

Examiner

Robert Sellers

Art Unit

1712

All participants (applicant, applicant's representative, PTO personnel):

(1) Robert Sellers.

(3) _____.

(2) Catherine U. Brown.

(4) _____.

Date of Interview: 18 December 2003.

Type: a) ☒ Telephonic b) ☐ Video Conference
c) ☐ Personal [copy given to: 1) ☐ applicant 2) ☐ applicant's representative]

Exhibit shown or demonstration conducted: d) ☐ Yes e) ☐ No.
If Yes, brief description: _____.

Claim(s) discussed: 8,9 and 14.

Identification of prior art discussed: Fukui et al.

Agreement with respect to the claims f) ☒ was reached. g) ☐ was not reached. h) ☐ N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: The modifications to the title, abstract and claims suggested by the examiner and implemented in the attached examiner's amendment places the application in condition for allowance.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN ONE MONTH FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.

Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.

Examiner's signature, if required

--ABSTRACT OF THE DISCLOSURE

A composition comprises the product obtained by homogeneously blending:

(A) 100 parts by weight of a polyorganosiloxane containing at least two alkenyl radicals per molecule,

(B) an organohydrogensiloxane containing at least two silicon-bonded hydrogen atoms per molecule in a quantity sufficient to provide from 0.5 to 3 silicon-bonded hydrogen atoms per alkenyl radical of (A),

(C) from 50-2000 parts by weight of silver particles pre-treated with an organosilicon compound selected from the group consisting of (i) alkoxy group(s)-containing silanes and (ii) organosiloxanes,

(D) a platinum catalyst,

(E) up to 20 weight percent based on the weight of (A) of an organosilicon compound containing at least one silicon-bonded alkoxy group per molecule, and

(F) from 0.001 to 5 parts by weight per 100 parts by weight of (A) of a cure inhibitor.--.

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Catherine U. Brown on December 18, 2003.

The application has been amended as follows:

Change the title to: - -ALKENYL POLYORGANOSILOXANE,
ORGANOHYDROGENSILOXANE, ORGANOSILICON OR SILANE TREATED SILVER
PARTICLES AND Pt CATALYST--.

Claim 8, line 10, after "group" insert --selected from the group consisting of methyltrimethoxysilane, vinyltrimethoxysilane, 3-glycidoxypopyltrimethoxysilane, 3-methacryloxypropyltrimethoxysilane, dimethyldimethoxysilane, trimethylmethoxysilane, trimethylethoxysilane, tetramethoxysilane and tetraethoxysilane-- and after "organosiloxanes" insert --selected from the group consisting of:

- (a) a resin comprising $R_3SiO_{1/2}$ and $SiO_{4/2}$ units,
 - (b) a resin comprising $RSiO_{3/2}$ units,
 - (c) a resin comprising $R_2SiO_{2/2}$ and $RSiO_{3/2}$ units, and
 - (d) a resin comprising $R_2SiO_{2/2}$, $RSiO_{3/2}$ and $SiO_{4/2}$ units,
- wherein each R represents a substituted or unsubstituted monovalent hydrocarbon--.

Cancel claims 9 and 14.

Replace the abstract with the following new one presented on a separate page.

The following is an examiner's statement of reasons for allowance:

The 35 U.S.C. 112, first paragraph, rejection is rescinded since the cyclosiloxane (c) of claim 10 is adequately enabled by the species set forth on page 10, lines 12 and 13 of the specification. The term "cyclosiloxane" is an art-recognized term for cyclic polyorganosiloxanes sufficient for any person skilled in the art to enable the preparation of the claimed composition.

The 35 U.S.C. 103(a) rejection over Nakayoshi et al. in view of Fukui et al., Cole et al. Patent No. 4,604,424 and Japanese Patent No. 4-46962 has been resolved by the incorporation of the limitations of claims 9 and 14 into independent claim 1. Fukui et al. (col. 3, lines 17-36) discloses the treatment of silver particles with an organosiloxane having $-R^2R^3SiO-$ and $-R^4R^5R^6SiO_{1/2}-$ moieties which does not conform to the claimed species of alkoxy group-containing silanes (C)(i) nor the species of organosiloxanes (C)(ii)(a) to (d) which requires the $R_3SiO_{1/2}$ units to be combined with $SiO_{4/2}$ units as opposed to the prior art R_2SiO units.

Accordingly, there is no motivation to treat the silver particles of the closest prior art to Nakayoshi et al. with the claimed species of organosilicon compounds.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled

"Comments on Statement of Reasons for Allowance."

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rs 12/19/03



ROBERT E. SELLERS II
PRIMARY EXAMINER